

**THERMALLY ENERGY EFFICIENT VEHICLE****ABSTRACT OF THE DISCLOSURE**

5           A thermally energy efficient vehicle  
includes a vehicle structure having generally  
interconnected structural members that form a frame  
for the vehicle and generally planar interconnected  
panels that define a shape of the vehicle. The  
10 thermally energy efficient vehicle also includes a  
low transmittance glass window positioned within the  
vehicle structure which increases a thermal  
resistance of the vehicle and an energy efficient  
thermal management system that provides exterior  
15 thermal management and interior thermal management  
for the vehicle, such that the energy efficient  
thermal management system consumes less thermal  
energy as a result of the increased thermal  
resistance of the vehicle.